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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

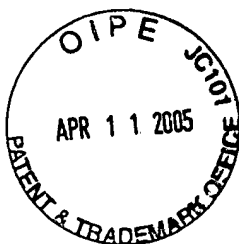
In Re the Application of:

VAN DOREN et al.

Serial No.: 10/666,433

Filed: September 18, 2003

Atty. File No.: 3944-13-CIP

For: "A Process and Apparatus for Improving
and Controlling the Vulcanization of
Natural and Synthetic Rubber Compounds")

Group Art Unit: 2125

Examiner: KOSOWSKI, Alexander J.

Confirmation No.: 8306

**RENEWED PETITION FOR
UNINTENTIONAL DELAY IN
CLAIMING PRIORITY UNDER 37
C.F.R. 1.78**

"EXPRESS MAIL" MAILING LABEL NUMBER: EV556788018US

DATE OF DEPOSIT: April 11, 2005

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TYPED OR PRINTED NAME: Aimee ThuerkSIGNATURE: Aimee Thuerk**Mail Stop: Petitions**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

In response to the Decision Granting Petition Under 37 CFR 1.78(a)(3) and 37 CFR 1.78(a)(6) dated March 31, 2005, Applicants submit this Renewed Petition to correct the priority claimed in the above-identified patent application. The undersigned states that the entire delay between the date the claim was due under 37 CFR. 1.78(a)(2) or 1.78(a)(5), and the filing date of this petition is unintentional.

Enclosed herewith is an additional a Substitute Amendment. A check in the amount of \$1,370.00 was previously provided (with the Petition filed February 11, 2005) for payment of the fee as set for in 37 CFR 1.17(t) for claiming priority to prior applications after the four month deadline from when the above-identified application was filed. Applicants believe that no additional fees are due with this transmittal. However, please charge any underpayments or credit any overpayments to Deposit Account No. 19-1970.

Respectfully submitted,

SHERIDAN ROSS P.C.

By: [Signature]

Dennis J. Dupray, Ph.D.

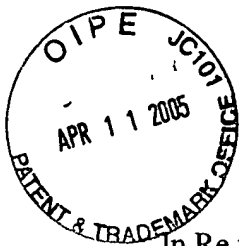
Registration No. 46,299

1560 Broadway, Suite 1200

Denver, Colorado 80202-5141

(303) 863-9700

Date: April 11, 2005



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In Re the Application of:

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For: "A Process and Apparatus for
Improving and Controlling the
Vulcanization of Natural and
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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Dear Sir:

) Group Art Unit: 2125
)

) Examiner: KOSOWSKI, Alexander J.
)

) Confirmation No. 8306
)

) SUBSTITUTE AMENDMENT
) TO THE SPECIFICATION
) AS A RESPONSE TO THE
) OFFICE ACTION DATED
) SEPTEMBER 3, 2004
)

) "EXPRESS MAIL" MAILING LABEL NUMBER: EV556788018US
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) ADDRESSED TO THE COMMISSIONER FOR PATENTS, P.O.
) BOX 1450, ALEXANDRIA, VA 22313-1450

) TYPED OR PRINTED NAME: Aimee Thuerk
)

) SIGNATURE: Aimee Thuerk
)

In response to the Decision Granting Petition Under 37 CFR 1.78(a)(3) and 37 CFR 1.78(a)(6) dated March 31, 2005, Applicants submit this Substitute Amendment to the specification to clarify the priority claims for the above-identified application. Also enclosed herewith is a Renewed Petition for Unintentional Delay in Claiming Priority.

Please amend the above-identified patent application as follows:

Application No. 10/666,433

*"Substitute Amendment to the Specification as a Response
to the Office Action Dated September 3, 2004"*

AMENDMENTS TO THE SPECIFICATION:

Please amend the paragraph beginning on page 1, line 5 as follows:

This application is a Continuation-in-Part of U.S. Patent Application No. 10/267,197 filed October 8, 2002, which claims the benefit of U.S. Provisional Patent Application Serial No. 60/394,736 filed July 9, 2002; the present application is also a continuation-in-part of U.S. Patent Application Serial No. 09/815,342 filed March 21, 2001, and is also a continuation-in-part of U.S. Patent Application Serial No. 10/102,614 filed March 19, 2002 (now U.S. Patent No. 6,774,643), which claims the benefit of U.S. Provisional Patent Application Serial No. 60/278,034 filed March 21, 2001; the entire disclosure of these prior applications is considered to be part of the disclosure of this application[[and are hereby incorporated by reference]].

Application No. 10/666,433

*"Substitute Amendment to the Specification as a Response
to the Office Action Dated September 3, 2004"*

REMARKS/ARGUMENTS

Applicants request that the amendments to the priority data herein claimed be entered.
The Examiner is invited to contact the undersigned with any questions or concerns.

Respectfully submitted,

SHERIDAN ROSS P.C.

By: 

Dennis J. Dupray
Registration No. 46,299
1560 Broadway, Suite 1200
Denver, Colorado 80202-5141
(303) 863-9700

Date: April 11, 2005

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